

Carbide Quadruples Space Metal Output

New Facilities Added To Kokomo Plant

New equipment recently installed at Union Carbide Corporation's wrought alloy plant at Kokomo, Indiana, has resulted in a fourfold increase in its capacity for producing special alloy metals for the space, missile, and aircraft industries, Birny Mason Jr., president, has announced. The plant is operated by Union Carbide's Stellite Division.

The first test heat was recently successfully completed in a new 15-ton arc melting furnace. Within the year, this new furnace and an existing five-ton unit will be turning out millions of pounds of high-quality alloys for use at extremely high temperatures and severe operating conditions. Both furnaces will be installed in the plant's new melt shop, a 27,000 square-foot building recently completed on the site.

100 Different Alloys

At its Kokomo plant, Union Carbide produces more than 100 different metal alloys, most of which are based on cobalt or nickel. These alloys, because of their high strength, are quite difficult to work, but they are being rolled into standard mill forms of sheet, plate, billets, bar, and wire on a mass-production basis. Actually, it is the stubborn properties of the alloys — their exceptional strength and hardness — that have made them so valuable throughout industry. They have helped to make possible numerous technological advances in such fields as rockets and missiles, jet aircraft, nuclear reactors, and chemical processing.

Child Coverage May Be Extended

Basic hospitalization, surgical, and medical coverage for Y-12 employees' dependents ceases when any of the following circumstances arise on dependent children:

1. The child ceases to be dependent upon the employee.
2. The child marries.
3. The child reaches 19 years of age.

The Tennessee Hospital Service Association (Blue Cross) will continue protection of dependent children who become ineligible under the basic contract. The employee must fill out a Blue Cross "Dependent Application" within 60 days after the date coverage ends due to any of the three conditions listed.

The dependent application forms are available from Benefit Plans, Building 9704-2.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
110 Days Or
3,667,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through Aug. 18
Phone 7755
For Daily Report
On Accident-Free Hours

Wide Variety Of Protective Equipment Offered Y-12ers Involved In Special Work . . . Wise Usage Constantly Urged



VARIOUS TYPES OF PROTECTIVE equipment are displayed here. These items are available to Y-12ers wherever they are needed. Their wise use will give the employee full and ample protection from hazards which might be encountered in specialized work.

RESA Names '63-64 Officers

The president of the Oak Ridge Branch of the Scientific Research Society of America (RESA) for the coming year is Cyrus Feldman, Analytical Chemistry Division, Oak Ridge National Laboratory. He succeeds Howard Junkins, Technical Division, Oak Ridge Gaseous Diffusion Plant. As vice-president last year, Feldman was in charge of the lecture program, which is the chief contribution of RESA to its members and to the Oak Ridge community.

Other RESA officers for the coming year are: Francois Kertesz, vice-president; Julian L. Dunlap, secretary; and John R. Sites, treasurer, all of ORNL. New members of the admissions committee are W. A. Arnold, ORNL; J. M. Googin, Y-12; and M. S. Wechsler, ORNL. Members of the admissions committee who have served half of the two-year term are B. H. Ketelle and R. L. Macklin, both of ORNL. Membership in RESA, which is affiliated with the Society of the Sigma Xi, is based on demonstrated proficiency in scientific research.

Hollins Participant Leads ORNL Seminar

Subject of this week's Physics Division seminar at Oak Ridge National Laboratory is "Infrared Absorption Spectroscopy of 'Simple' Non-Polar Liquids." It will be led by R. G. Steinhart Jr., Research Participant from Hollins College.

The seminar is set for 3:15 p.m. Friday, August 23, in the East Auditorium of ORNL's building.



WAYNE R. McCLELLAN, Chemical, may not win any beauty prizes in his get-up seen above. Geared from his hard-hat head to the tip of his safety-toed shoes (as well as his bloomer-type coverall legs), he is merely doing a specialized job with the necessary protective equipment to get the job done safely.

Y-12 Sister Plants In Another County!

The Y-12 Plant, covering some 500 acres, is totally in Anderson County. The other two Atomic Energy installations, the Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant are located in Roane County.

In Hot Weather—Get Enough Salt!

One way to stand humidity and heat of the summer is to get enough salt to make up for that lost by sweating. Use salt tablets or put more on your food. If you suffer from any illness requiring a low salt diet, only take salt upon advice of your physician.

Personal protective equipment along with proper selection and usage is an integral part of any safety program. The company provides a wide variety of the most modern approved protective equipment available for industrial use. This equipment includes such items as safety glasses, chemical splash goggles, face shields, welders' goggles, chippers' goggles, welders' helmets, acid cover goggles, safety shoes, hard hats, asbestos gloves, leggings and welding spats.

Safety agendas dealing with the proper use of personal protective equipment have been published during the year. Specifically, the purpose of protective equipment is to provide protection for the individual.

Eye, Face Protection

Eye and face protection devices constitute a major group of the equipment used in personal protection. Such equipment is intended to guard against flying particles, dusts, hot metal splashes, splashing chemicals, or injurious light or heat rays. Each eye or face protector is designed for a particular hazard, and consideration should be given to the kind and degree of hazard in selecting the item to use. Y-12 stocks and maintains a number of types and styles of eye and face protective equipment, designed to provide necessary protection when required.

In addition to protectors for the eyes, head, and feet, other equipment is also available. With the exception of respiratory protective devices, this can be grouped in two main categories — hand and arm, and body and leg protectors. The following items within this category are available in Stores: rubber acid suits, jackets and aprons, overshoes, rubber boots, chrome leather capes, rubber aprons, work gloves, welders' gloves, rubber gloves, asbestos gloves, rubber oversleeves, asbestos oversleeves, etc.

Respiratory Equipment

Special respiratory protective equipment is also available for those areas where exposure to vapors, gases, dusts, mists or fumes may be present.

Hard hats are available to any employee whose job requires their use.

Safety shoes are sold to employees at \$2 less than the wholesale costs. There are numbers of styles available. Many styles are in stock, others may be ordered with delivery assured in a short time.

Y-12 is not issuing these items for the employee "just to wear." Each piece of safety equipment is designed for his protection.

Ask any welder about his equipment. He knows the value of a welding hood, insulating gloves, etc. Exposed to flashing heats and brilliant lights, he knows that the proper equipment can save him from painful burns or eye injuries.

Safety belt harnesses are available to Y-12ers who work at high altitudes where a fall might occur.

Equipment No Substitute

While personal protective equipment is not intended as substitutes for good, safe working conditions, adequate ventilation, and intelligent conduct on the part of the employee, it is, in

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The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division of



UNION CARBIDE CORPORATION

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Price On Chemicals In Body Go Up Again

How Long Since You Went To High School?

According to a story in the *Seadrifter*, you are worth more than your weight in potatoes now. The comforting estimate is based on a new Chemical and Engineering Price list report on the present value of chemical compounds.

If you weigh 150 pounds, the breakdown is as follows: One of the costliest elements in the body is potassium . . . you have four ounces worth \$6.06. Years ago you could get potassium for pennies. Calcium — three pounds of it in the average human body would fetch a \$4.50 income in its pure metallic form (The only drawback is that as calcium phosphate, it's worth only eight cents a pound — or 24 cents for the body's total supply.)

One Small Nail

The chemists go on . . . there's enough lime (calcium) in the body to white-wash a chicken coop; enough carbon for 9,000 pencils, phosphorous for 2,200 matches, fat for seven cakes of soap, iron for one very small nail and magnesium for a good stiff dose of salts.

The price now? . . . \$34.54. It was 98 cents when we took high school chemistry, which shows we're been out of high school a long time, or prices surely have gone up!

World's Greatest Lab

The chemists have one more reassuring word for the human race: For all its cheapness of construction materials, the body is still the world's greatest laboratory, able to perform instant chemical facts that would take hours or days in an ordinary plant. What's more, it's all automated and controlled by the finest computer yet devised . . . the brain.

It all goes to show how much can be done with \$34.54 worth of chemicals if you have the know how.

Figures Are Average

The above computations, remember, are for an average 150-pound man. If you weigh more than that the values increase. But, then, on the other hand, you may be over-weight if you weigh much more than the average!

Also, there's another catch . . . you have to be dead for any of the above materials to be salvaged!

Chemicals Company Active In Gaseous Compounds

Union Carbide Chemical Company's Institute plant is located along the Kanawha River in West Virginia, about 15 miles from Charleston. The company, which is an affiliate of Union Carbide Corporation, separates and combines the constituents of natural gas used in making chemicals. Gaseous compounds are literally torn apart to capture the molecules of which they are composed.



According to the *Kentuckian* (the *Bulletin's* equivalent at Paducah), marriage is like eating out. You order what you want. Then you see what the fellow at the next table has and wish you had ordered that!

There's a new group called the AAA-AA . . . it's for people who are being driven to drink.

INDUSTRIAL RELATIONS

Vacationing this week from the Fire and Guard Departments are J. V. Overton, R. G. Carver, W. E. Honeycutt, G. E. Gilreath, T. E. Allison, C. M. Bryant, C. S. Scarbrough, H. L. Miller and J. E. Warren.

The department sends sincere sympathy to Doyle B. Williams whose father died last week.

B Shift Firemen and Guards are planning a fishing trip to Panama City . . . leaving Central Portal, 7:30 a.m., September 27. Anyone interested in making the deep-sea fishing expedition should contact W. B. Davis, Guard Department.

The three R's are really important. At age 20 it's Romance; at 40 it's Rent; at 65 it's Rheumatism!

MECHANICAL OPERATIONS

Production Control pipes in word that Bill Rutherford is welcomed in from ORGDP . . . and also Don Quillen, from Oak Ridge.

Vacationers include Greta Lualien and family who went to Washington to visit her sister and see the sights . . . Al Fischer stayed at home . . . Pole Arnold spent his moving a long distance . . . next door in Clinton . . . Pretty Patti Matlock is spending two weeks with a friend in New Jersey (Pretty Patti Matlock is such good alliteration . . . good sense, too!) . . . Merle Emery and family took off for Tampa, Florida, new baby and all . . . Doris Sartelle and family spent a long weekend in Winchester County, Virginia, with relatives . . . Doug and Louise Carter and little ones also visited in Virginia recently.

Mary Moore Lay attended a Wesleyan Service Guild recently in Athens. It was held at the Tennessee Wesleyan College there. Mary is president of the local Guild.

Guy Seaton's smiling face is missed as he leaves for Accounting and Budgets.

Production Machining tells that Gene Matti would be interested in getting a good coon hunting partner as the hunting season approaches, one especially adapted to listening to tall tales. (Gene didn't specify male or female, either.)

The M Wing group has T. S. Swindle and family visiting relatives in Tupelo, Mississippi . . .

D. A. Van Buren and family took off for Myrtle Beach, stopping at Ridgecrest, North Carolina enroute to pick up their daughter Donna, who is an employee for the summer at the Baptist Retreat there . . . D. A. Bryant and family chose Gadsden, Alabama as a likely vacation spot . . .

J. W. Pryor is in Rocky Mountain, North Carolina, attending a Machinist Leadership Training School.

E Wing has George Hyatt attending the AEC Machinists Conference at Albuquerque, New Mexico.

C Wing and the 9202 shop tell that D. R. Byrd and family rested and did some deep-sea fishing near St. Petersburg, Florida . . . E. R. Eastwood was on vacation recently for some work at home.

The 9206 Shop says that C. G. Gaylor is taking in the horse races at Cincinnati and trying to win the State Softball Tournament in Oak Ridge, all at the same time, which isn't an easy trick!



Terri Lynn Worsham

This little miss is Terri Lynn Worsham, 18-month-old daughter of Eugene E. Worsham, General Machine Shop. Terri has vacationed in 11 different states already, making her a well-traveled little girl for her age. The Worshams live at 3812 Seebert Drive, Knoxville.

Vacations still stir the hearts of many Y-12ers, first in

TECHNICAL SERVICES

Mr. and Mrs. Bob G. Shands, 1704 Bradshaw Garden Drive, Knoxville, announce the birth of a boy on August 12, Jefferson Memorial Hospital, Jefferson City. Grandparents are Mrs. Mae Smith and the late John Henry Smith, Mr. and Mrs. A. D. Shands, Jefferson City. (The father is in Production Analysis . . . and the mother is the former Velma Doreen Smith). The Shands have another son Timothy Gene, age six and one-half years.

The saddest words of tongue or pen—
"You've got all the blanket again!"

ENGINEERING

Tool Engineering tells that the Spence Fergusons loaded up and took off for a Florida vacation, with several side-trips along the way planned . . . Bill Galyon hung around home in Oak Ridge

. . . Nora Hurst did likewise in K-ville.

Off for a tour in Uncle Sam's Air Force is Tom Finger, with duty calling around South Carolina.

FINANCE AND MATERIALS

The Mail Room has Dot Conner vacationing around home . . . Ernie Duncan is having a restful vacation around his Claxton Community home.

Plant Records' Emma Puckett is spending two weeks visiting friends and relatives in Tennessee and Kentucky.

Records Center's Mary Goss is on two weeks vacation in New Orleans and also in Idaho.

Timekeeping's J. W. Hamby will be on vacation either in the mountains or on the beach . . . A big welcome back to M. S. Moore, after a stay in the hospital for surgery.

Madeline Carroll, one of Hollywood's prettiest, once was asked what one man she would prefer to be shipwrecked with. Her answer was quick and to the point . . . "An obstetrician, of course."

CHEMICAL OPERATIONS

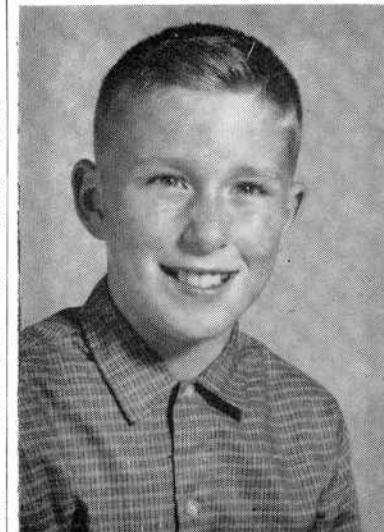
Vacationing in Detroit, Michigan was R. F. Phillips . . . Connie O'Neil and husband Ralph went south to sunny Florida . . . J. F. Cook was asked where he was going on vacation. "I stayed home and sulked," he replied.

Enjoying their summer retreat on Watts Bar Lake were Mable Butcher and her husband. Recent guests lived up the place too . . . their children, Delores and Oscar Okes and their friends, Barbara and Bill Pullen, Sarah and Paul Craven, Barbara and Rodney Ragland.

David (Cousin) Webb spent his week of leisure in Bull's Gap, cow-trading . . . The Jim McNeelys have started their three weeks toward Paducah, St. Louis and Little Rock. They will visit relatives along the way . . . J. O.

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Lesson In Thrift From A 14-Yr. Old



Danny Rader

What does a youngster do when \$240 is thrust upon him in cash? . . . run out and spend it on bicycles, popsicles, hot dogs, and model airplanes? Not quite . . . not these days, anyway.

Danny Rader, 14-year-old son of Daniel H. Rader Jr., superintendent of the Shift Superintendents and Utilities Division, recently came by the giant sum in a popular game at the Oak Ridge Country Club. Did Danny spend his money? . . . no siree, reports papa . . . he took it to the bank the very next day and socked it into a savings account.

"Isn't that a lot of money for a 14-year-old?" the senior Rader was asked.

"That's a lot of money for anyone," he beamed.

Middle age is that time of life when your spring fancy lightly turns to liver pills.

6-11649

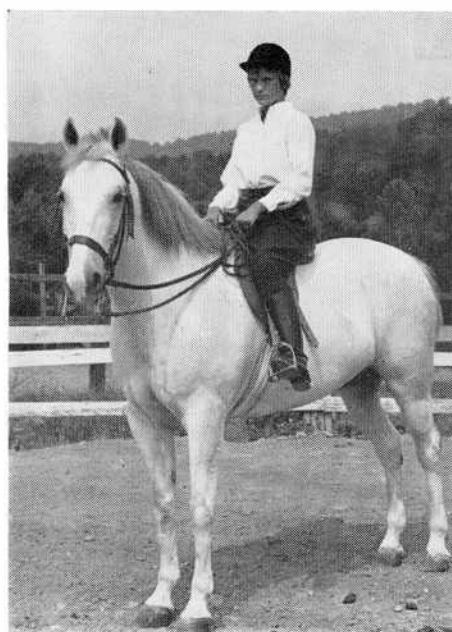


GIRLS IN NON-DESTRUCTIVE TESTING who thought up a farewell party for Brenda Price (smiling, third from left) are seen after the big cake was cut. They are, from left, Jackie Shelton, Sidney Denton, Mrs. Price, Rosemarie Wood, Carolyn Savage and Edith Barger.

6-11648



THIS WAS BEFORE THE CAKE WAS MUTILATED by hungry members of the Non-Destructive Testing section of Physical Testing. The occasion was a farewell party for Brenda Price, who left Y-12 Friday, August 9. Friends presented Brenda with a certificate for a baby bed . . . an item most young mothers find indispensable.



PROUD EQUESTRIANS LINE UP as Y-12 is well represented at the upcoming East Tennessee Riding Club's horse show this week. In the first photo from left, Darlene Cunningham (daughter of W. D., Special Machining) sits astride Cherokee. The winsome trio in the

center are Debbie Rice (daughter of Hugh, Timekeeping) on Victor; Alicia and Pam Erickson (daughters of Viola Erickson, ORNL's Reactor Division in Y-12), riding Revelie and Cappy. In the last picture, Jimmy Abbott (son of Norman, General Expediting and Auxiliary Services)

rides Pure Gold; and Bradley Swecker (son of David, Assembly Operations) sits calmly on My Little Friend, proving you're never too young to take to the foxes. The show is to be presented Friday and Saturday, August 23 and 24.

Eagles Assume First Slot With 8 Wins In Slo Pitch

Monday's action in the Slo Pitch League began with a bang as the Peons unseated the E Wingers from first place in standings by downing them 6 to 2. Ernie Collins belted a home run for the winners, as B. Grubb and M. Wright doubled . . . Wright twice. For the losing Wingers it was Cavosie, Dean and West with doubles.

Team	R	H	E
Peons	6	6	1
E Wingers	2	7	5

Batteries: Peons: Collins and Shotts.
E Wingers: Sise and Hyatt.

Y-12's high-flying Eagles clawed the Data Processing team, ORGDP, to the tune of 20 to 7. Pryor had two homers for the winners; Dykes and Koon each had one. Huber had two triples; Bell, Hulsey, Koon, Inklebarger and Pridgeon all had one three-bagger. Cloutier tripled for the losing ORGDP team.

Team	R	H	E
Eagles	20	24	0
Data Processing	7	13	14

Batteries: Eagles: Bell, Roesch and Thompson. Data Processing: Fourman and Holcomb.

Slipsticks Win

The Slipsticks slipped by the Cherokees to end Monday's action, 18 to 13. Biddix homered for the winners, Valentine for the losers. Rose had two doubles, Rodgers and Anderson had one each for the winners.

Team	R	H	E
Slipsticks	18	23	4
Cherokees	13	14	4

Batteries: Slipsticks: Anderson and Smith. Cherokees: Watkins and Stair.

Tuesday's games were rained out.

Wednesday's make-up games began as ORGDP's Mets took on the Bunt Boys from Y-12 . . . defeating them 9 to 2. Henderson homered and doubled for the winners . . . Whittlesey also doubled.

Team	R	H	E
Mets	9	10	1
Bunt Boys	2	6	3

Batteries: Mets: Iacovino and Keith. Bunt Boys: Miller and Feazell.

The Bunt Boys turned in a double-header and lost number two . . . this time to the Eagles 17 to 9. Pryor, Evans, Dykes, Pridgeon homered for the winners. Inklebarger tripled. Helton and Underdown had triples for the losing Boys.

Team	R	H	E
Eagles	17	17	4
Bunt Boys	9	15	7

Batteries: Eagles: Roesch and Thompson. Bunt Boys: Dunlap, Miller and New.

Eagles Win Again

The Eagles capped their second win of the night by downing the Bat Boys 20 to 12. Pridgeon had two four-baggers, as did Thompson; Roesch had one. Miller homered for the losers.

Team	R	H	E
Eagles	20	20	2
Bat Boys	12	18	6

Batteries: Eagles: Roesch and Dykes. Bat Boys: Sims and Shuttle.

The Rebs took an easy victory Thursday from the B Shift team via the forfeit route.

A close game between the Bat Boys and Bunt Boys ensued Thursday, as the Bat Boys edged in home 17 to 16. Horton hom-

ered and tripled for the winners; Simpson did likewise for the losers.

Team	R	H	E
Bat Boys	17	19	6
Bunt Boys	16	19	7

Batteries: Bat Boys: Miller, Fezeall, and Perry. Bunt Boys: Sims and Shuttle.

Wingers Scalp Cherokees

The final game of the week featured the E Wingers downing the Cherokees 18 to 9. Dean and Overton had homers for the winning squad.

Team	R	H	E
E Wingers	18	19	4
Cherokees	9	15	7

Batteries: E Wingers: E. Sise and Hyatt. Cherokees: Watkins and Davis.

League standings follow:

Team	W	L
Eagles	8	1
Mets, ORGDP	7	1
E Wingers	6	1
Rebs	7	2
Peons	5	3
Slipsticks	5	4
Data Processing, ORGDP	4	4
Cherokees	3	5
Big Shop	3	5
B Shift	3	6
Slipsticks	2	4
Bunt Boys	1	7
Bat Boys	1	8

Reds Take Top Spot In Archery

The Red team climbed atop the Carbine Archery League last week by taking handicap top firing with a score of 278.918. The Black team took scratch honors with 443.

Individual highs went to the Red's C. E. Miller whose handicap score was 291.258, and C. H. Hileman, Black, with a scratch score of 233.

League standings follow:

Team	H'Cap	Pts.
Red	23	
Gold	21	
Black	19	
White	15	
Blue	12	

Nobel Prizes Taken Most By Americans

United States citizens have won more Nobel prizes than those of any other nation.

Of the 54 awards made to Americans 15 were for physics, 11 for chemistry, 12 for medicine, five for literature and eight for peace efforts.

The nation winning the second largest number of prizes is Great Britain, with 47.

Pridgeon Stretches Lead In Tennis Set

Defeats Harper And Huddleston

John Pridgeon lengthened his lead in the Y-12 Tennis League by virtue of wins over two opponents. He defeated Roy Huddleston in three sets, 6-0, 6-2, and 6-4. Later he turned on Bill Harper 6-2, 6-3, and 6-1.

Ralph Levey took Bob Bass for three also, 6-0, 6-2 and 6-3. Mike Laggis took Campbell King for two sets 7-5 and 8-6.

League standings follow:

Player	W	L
John Pridgeon	19	2
R. A. Huber	10	2
Al Fischer	10	5
Ralph Levey	11	7
Campbell King	10	7
Ron Williams	9	9
Mike Laggis	8	9
Bob Bass	5	16
Bill Harper	3	15
Roy Huddleston	1	20

Pistol League Fires Final Summer Shoot

The last match in the summer 22 Calibre Pistol League for Y-12ers was fired Tuesday, August 13. High individual scratch score of 272 went to G. W. Martin. His high handicap 292.091 was closely followed by T. C. Swindell's 292.091.

Since you cannot take both trophies Swindell will take number one trophy in handicap firing.

The fall indoor league will begin September 24 in Clinton. Details will be announced for Y-12ers to participate in a later issue of the Bulletin.

Final rounds were:

Name	Sc.	H'Cap
G. W. Martin	272	292.871
T. C. Swindell	261	292.091
W. A. Less	261	290.819
V. D. Holt	230	287.974
H. N. Benninghoff	259	288.623
T. E. Hudson	238	290.650
L. A. Shular	252	291.130
R. Matheney	262	291.226



Y-12 Equestrians To Perform In Horseshow This Week-End

The Kennedys don't have a thing on Y-12ers when it comes to horses. Many employees' children take to their mounts as if they were born to the saddle. (The parents of the riding children, either by choice or chance, are also subjected to 'horsey set' talk.)

Little Golf League Turns Corner Home

Jim Beckett and W. Rutherford strengthened their lead in the Y-12 Par Tee miniature golf league last week by downing the Cothron-Parker twosome by 31 strokes. Beckett aced number four and nine . . . Lucy aced number four . . . Jeanne took 12 and 18. Rudd looped in on four also.

The R. Cantrell-Young pair moved into second place by taking three points from Stansell-Newby. Jim Young aced number one, four and 18. Ella Stansell took four as did Bob Cantrell.

The G. Cantrell-Brown pair (with Miller subbing for Brown) took three from Isham-Boswell by 17 strokes. Jo Isham bull's-eyed number one, and five. Virginia Boswell took four and nine . . . George Cantrell took four and 18 while Miller aced four.

In a make-up match Ella Stansell and Virginia Newby trimmed Isham-Boswell for three points, winning total strokes by a margin of 12.

League standings follow:

Team	W	L
Beckett-Rutherford	15	0
R. Cantrell-Young	11	4
Sinclair-Akers	9	3
Collins-Stinnett	6	6
G. Cantrell-Brown	7	8
Stansell-Newby	6	9
Cothron-Parker	1	14
Isham-Boswell	0	15

Protective Equipment

Continued from Page 1

many instances, the only practical means of protecting people. Equipment protects only the person wearing it . . . never the man standing nearby. He may not have the same equipment on.

Should there be any doubt about hazards involved in any part of a job, the best bet is to check with the supervisor. The proper use of protective equipment can go a long way in preventing injury . . . but it is not the whole story. As in all aspects of safe operations, it goes back to the performance of the individual. His own attitude toward doing the job properly and safely counts the most. But the use of

Friday and Saturday, August 23 and 24, at 7 p.m. each night the youngsters will present its annual horse show on the Club grounds near Scarboro. The 30 classes scheduled include walking horses, gaited horses, hunters and jumpers, equitation and pleasure classes, road horses and ponies.

Active horsemen and women are Jimmy Abbott (son of Norman Abbott, General Expediting and Auxiliary Services); Bradley Swecker (son of David Swecker, Assembly Operations); Darlene Cunningham (daughter of W. D. Cunningham, Special Machining); The Erickson daughters, children of Viola Erickson, ORNL's Reactor Division; Debbie Rice (daughter of Hugh Rice, Timekeeping) and Sally Snyder (daughter of H. G. P. Snyder, Industrial Relations Superintendent). (The vacationing Snyders missed picture-taking activities.)

No daytime events are slated in this year's show, presented by the East Tennessee Riding Club.

If you like to see youngsters ply the ancient art of horsemanship, mark Friday and Saturday of this week on your calendar now. The kids will be glad to see you out, and they'll give you a show you won't forget.

Fast Pitch Race On In Oak Ridge

The Oak Ridge Fast Pitch Softball team is host this year to the State Tournament with action beginning tomorrow, August 22, at Midtown Number One field, Oak Ridge. Action begins at 6 p.m.

The Oak Ridge team will play the Shelbyville District winners Thursday at 8:30 p.m. Y-12 employees playing on the Oak Ridge team were Bobbie Hopkins, Jim Bryson, J. C. Cheek, Ernie Collins, Bill Smith, Jerry Babb and Jim Milligan.

The tournament will continue through Sunday, August 25. A total of 14 teams will participate in the state-wide tournament. Admission is 50 cents per adults, 25 for students, and children under 12 are admitted free of charge. All games will be carried over radio station WATO.

protective equipment is recommended, and required, in many aspects of work in Y-12.

Use the equipment wisely!

Spies never relax—do you?

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Continued From Page 2

Stephens and family are vacationing for three weeks, camping at Tellico Plains and visiting in the Smokies . . . Mable Stapleton has returned to work after spending a week in Clinchport, Virginia, with her mother who has been ill for some time.

At home in Knoxville was J. J. Crowe . . . Along with pleasure "Cuz" hoped to mix a little work . . . If you are hunting a bargain, see Mitchell Kiggins. For four bucks he bought an antenna for his old TV. Says "Ole Kigg," "Now I can sit there in my living room and watch that train rolling down the track with that black smoke boiling. I think that train is coming from Cleveland, Tennessee."

Edith Duckworth and husband selected the State's Capital for a vacation . . . Harry Keen and family motored to Cincinnati recently to attend a baseball game.

Patricia Coffey Hatmaker, niece of D. W. Coffey, Product Processing, was recently re-united with her husband on a morning TV program "Truth or Consequences." Pat's husband is in service.

The Bob McKinney family is enjoying this week vacationing with son Burton who is home from Hiawasse College.

Operating personnel report it was quite on C line with Fran Tench (Development) vacationing in Las Vegas and midwestern states. If C. Shotts and Bill Crow had gone along, you could have heard a pin drop.

The Herman Butlers (Judy is in Production Assay) are planning a European tour this fall. Herman spent two days recently shopping for this trip. Due to the good salesmanship of somebody, Herm isn't sure he can afford the trip now!

Among those who like to rough it include Bill Leinart and family. They are camping near Douglas Lake.

Chemical extends a speedy recovery wish to F. A. Wells.

E. R. Daughtery prefers Tampa, Florida, for a vacation spot . . . While A. J. Kerley says he enjoys being around home . . . Others on vacation without telling where or what are: D. L. Dagley, J. C. Owens, A. S. Peterson, C. F. Ferguson, C. C. Williams, Mary Cooper, V. C. Black and T. L. Dishman.

Vacationing close around home, namely in Kingsport and the Smokies is George McNabb . . . C. T. East, Tommy Thompson and B. H. Davis all report enjoyable vacations, also.

While the majority of us prefer golfing, swimming, camping, skiing, fishing and other outside activities for summer sports, James Mangrum prefers raiding the ice box. The magician, Houdini, famed for making things disappear into thin air, had nothing on James. He does this to oranges, apples, bananas, sandwiches, bee's-wax or any other object in proximity.

Sad, too . . . the pinnacle of knowledge is reached on graduation day . . . and never attained again!

ation day . . . and never attained again!

MAINTENANCE

Electrical elaborates that R. S. Hickey headed south to Florida and a nice relaxing visit with friends and relatives . . . V. Lovett reports that fishing in Panama City wasn't so good, but wasn't too bad either. They had one good day on the briney deep, and well, the rest of the time, he just had fun trying.

Cigars, candy, smiles, and popped shirt buttons just mean that B. S. Denton is the very proud papa of a bouncing baby boy, William Burt, born August 8. He weighed six pounds, 12 and one-half ounces. The Dentons have a darling little daughter (the reporter used that word, not the editor!), June. Mother and babe are doing fine. Papa may come down out of the clouds one of these days.

Vacation destination for the W. A. Smith family is New York, Niagara Falls, and Canada. Sounds like a very scenic trip.

A week of 'camping out' is in store for the G. E. Fisher family. They'll pitch a tent over Myrtle Beach way.

R. J. Spurling will participate in the National Rifle Matches, Camp Perry, Ohio, as a member of the Tennessee National Guard team. Everyone is betting on the 'home' team, too.



Michael Lee Anderson

It's a boy . . . shouts D. L. Anderson, Area Five Maintenance. Little Michael Lee Anderson, weighing eight pounds, seven ounces, became the first child of the Andersons, August 4, at the Blount Memorial Hospital, Maryville.

Sunning somewhere around Clearwater, Florida, is R. F. Noah . . . Area Five also tells that C. E. Dalton left for a week to catch up on a little farm work.

That about winds it up . . . and it has done a pretty good job on about 10 fingers, too!

ANGLES ON ANGLING

If 10 per cent of all fishermen catch 90 per cent of all the fish, it's because they know that 90 per cent of the fish are in 10 per cent of the water.

An Interesting Way To Spend Your Vacation . . . Get In The Movie "The Fool Killer" In Knoxville

Several Y-12ers have come up with a novel idea for a vacation. All you need do is grow a beard and get in a movie. Landau Productions is filming "The Fool Killer" in around Knoxville (indoor shots at Chilhowee Park . . . out-door ones in Cade's Cove, Townsend and other picturesque locations). The young film company's first venture into filmdom was Eugene O'Neill's "Long Day's Journey Into The Night," now getting critical acclaim wherever it is shown.

One of "Long Day's" stars is the star of "Killer" . . . Tony Perkins . . . the young, maniacal killer who is predisposed to "do away" with those in trouble mentally. This time era is shortly after the Civil War.

Revival Scene

One of the big crowd scenes is set in a tent where an old-fashioned revival is being held. The altar call goes out and a repentant has a case of the "jerks" in the aisle . . . and is thus marked as Perkins' next victim. (But that's giving away the plot).



OTHER LOCALS appearing in "The Fool Killer" are Martha (Mrs. R. K.) Brown, Marshall (Mrs. George) Lockhart, Alan Spiewak (son of Irving Spiewak) and Lillian (Mrs. W. W. Griegorieff).



Congratulations to the following Y-12ers who will celebrate 20, 15 and 10 year anniversaries with Union Carbide within the next few days.

20 YEARS

Merle B. Hilton, Process Engineering, August 23.

Everette C. Cox, Beta Two, August 24.

Briscoe W. Ivy, Buildings, Grounds and Maintenance Shop, August 26.

Katherine L. Miller, Garage, August 26.

15 YEARS

Melvin C. Tipton, Process Maintenance, August 24.

Kenneth H. Wright, Steam Plant, August 25.

10 YEARS

Walter S. Hollingsworth, Process Maintenance, August 24.

John F. Pyatt, Beta Two, August 24.

Dean H. Pierce, Process Maintenance, August 24.

Archie A. Stacy, Process Maintenance, August 24.

Willie F. Tiller, Process Maintenance, August 24.

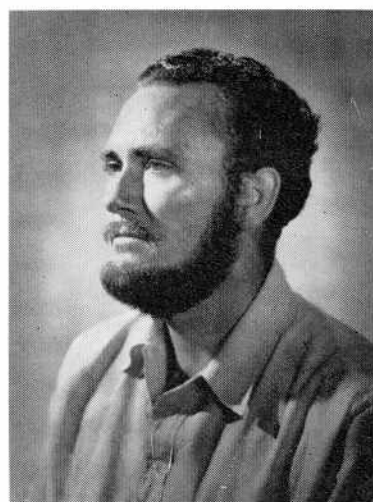
Kathryn N. Dumas, Engineering Division, August 24.

James E. Cartledge, Process Maintenance, August 24.

Robert W. Miller, Buildings, Grounds and Maintenance Shop, August 26.

Zane L. Ardary, Chemical Engineering Development, August 27.

Gertrude H. Gentry, Property Department, August 27.



GEORGE L. BRYANT

Y-12ers appearing in the church scene are George L. Bryant, Dimensional Inspection; Charlie Mills, Beta Two; and Marshall Lockhart, wife of George Lockhart, Special Projects.

Two hymns typical of the mid-1800's is sung by the congregation . . . "Are You Washed in the Blood of the Lamb?" . . . and "You Gotta Take Sick and Die."

Marshall Lockhart does have a line in the film . . . the two men are mere bit players who sing and appear in the church congregation. Mrs. Lockhart has had stage experience, both in acting and directing in local theatrical circles . . . Bryant and Mills have not.

Movie Men Good Joes

Both men are highly enthusiastic in their praise of the movie-makers. The director, Servando Gonzales, is a Mexican, and speaks little or no English. "His direction is easy to follow, however, and his consideration for the crew and other film workers makes you want to do everything he says," one Y-12er stated.

"These movie people are real nice folks . . . Director Gonzales, Assistant Director Chico Day, Casting Director Mel Howard and Producer David Friedkind. They are all just like people next door, and after five minutes' acquaintance seem like old friends," Bryant said.

Last year another film company shot novelist Agee's "Death in the Family" in Knoxville. The film is soon to be released under the title "All the Way Home." Several Y-12ers, their children and/or wives appeared in this one as well.

Long, Tedious Work

The life of a movie star is not all lights and glamour either. Those people work hard, attest all the Y-12ers involved in "The Fool Killer." Their long hours plus the burden of heavy make-up and unfamiliar clothes make work even harder.

Both Bryant and Mills say



TURNING BACK history pages at least one hundred years, George L. Bryant and Charlie Mills are seen between takes of "The Fool Killer" in Knoxville. Both Y-12ers appear as members of a tent revival congregation.



SHOWN WITH the star of "The Fool Killer" is Charlie Mills as he was photographed with Tony Perkins, internationally known actor. "Perkins is a real nice guy . . . friendly and not the least bit stuck-up," Mills said.

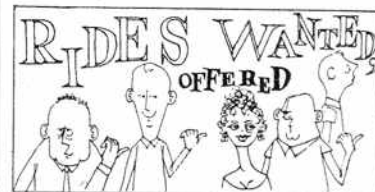


CHARLIE MILLS is seen on the set of "The Fool Killer" looking at the room occupied by Dirty Jim, a character in the photoplay. Mills says his experiences with the movie people are ones he will never forget. The role of Dirty Jim is played by Hal Holbrook.

"Fool Killer" has potentials of being a very good movie. Mills did not grow a beard for his bit role. Some men of that era were clean-shaven.

Anyway, it is an interesting, different way to spend a vacation.

(EDITOR'S NOTE: A word of caution. If you ever want to audition as a "super" for the Metropolitan Opera, remember this. They do not want blonde men or women for Nubian slaves in "Aida!")



Ride wanted from Hicks Circle, Clinton, to Bear Creek Portal, straight day. Gary Martin, plant phone 7394, home phone Clinton 457-0304.

Rider wanted from Harriman to North, Central, West or Bear Creek Portal, straight day. R. W. Curtis, plant phone 7-8465, home phone Harriman 882-2949.

Riders wanted or will join car pool from West Haven section, Knoxville, to Central, West, or Bear Creek Portal, straight day. Avery Patterson, plant phone 7-8301, home phone Knoxville 525-2948.

Riders wanted from Norwood section, Knoxville, Clinton Highway, to East or North Portal, straight day. Harold Potter, plant phone 7-8792, home phone Knoxville 687-4411.

Will join or form car pool from West Hills section, Knoxville, to Central or West Portal, straight day. John Hill, plant phone 7-8923, home phone Knoxville 584-2274.

Riders wanted from Athens, Sweetwater, Loudon, Lenoir City to any portal, straight day. A. R. Shamblin, plant phone 7181, home phone Athens 745-2838.